

A B S T R A C T

A SYSTEM FOR PROVIDING ASSISTANCE IN REGENERATING
DEPOLLUTION MEANS INTEGRATED IN A VEHICLE EXHAUST LINE

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The system for assisting the regeneration of
depollution means (4) associated with oxidation catalyst-
forming means (3) integrated in an exhaust line (2) of a
motor vehicle diesel engine (1) in which the engine (1)
10 is associated with common manifold means (5) for feeding
fuel to its cylinders, the system being adapted to
implement, at constant torque, a strategy of regeneration
by injecting fuel into the cylinders of the engine in at
least one post-injection, is characterized in that it
15 includes means (7, 8, 9) for detecting a stage in which
the vehicle engine is idling or in which the accelerator
pedal is being raised, and means (6) for analyzing the
activity state of the catalyst-forming means (3) in order
to control the common fuel-feed manifold means (5) in
20 order to regulate the quantity of fuel injected during
the or each post-injection as a function of the activity
state of the catalyst-forming means (3).

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35 possibly after making changes, ex officio, e.g. under PCT Rules 37.2, 38.2, and/or
48.3.